

# Video Security

Recorders | eneo Digital Video Recorders

## DLR2-04N/160

Digital Video Recorder (4-Channel)  
160GB Hard Disk, Alarm Input, Ethernet

Art-No. 71931



## Features

### Duplex Operation

MPEG-4 Video Compression

Recording Speed: 100 Fields/Sec. max.

Video Resolution: 720x576 Pixels max. (PAL)

4 Loop-through Inputs / VGA, Comp./S-VHS Output

Network Connectivity (10/100Base-T Ethernet)

### Built-in CD Writer

Audio and Alarm Inputs / Outputs

Secondary Storage / Archiving via USB and CD-RW

Storage Capacity 160GByte (3 HDDs max.)

Live Picture & Playback Zoom (2x)

Integrated Motion Detector

## Specifications

### Video standard

PAL/NTSC

### Event Logs

Up to 10,000 for alarm-in, motion, video loss, text-in

### Text insertion interface

POS/ATM

### Monitor display

Realtime Multidisplay 25 Fields/sec. (PAL), 30 Fields/sec. (NTSC)

### Covert camera operation

Pogrammable

### System logs

Up to 1,000 for user login/out, config. changes, remote access, connects/disconnects and errors, disk read and write errors

### Scheduling

Different schedule for 7 days per week, programmable holidays, hour-by-hour configuration, time-lapse, event-driven, 2 mixed independent time-lapse schedules

### Zoom function

2x

### Playback

Single and quad picture

### Post-alarm recording

Up to 5min.

### Activity detection

16x12 grid, Sensitivity levels: 5, Discrimination size: 192 levels

### Simplex/Duplex/Triplex/Pentaplex operation

Duplex

### Video inputs

4x 1Vp-p, (C)VBS, 75ohms, BNC, looping inputs

## DLR2-04N/160

(Specifications continued)

<b>Monitor outputs</b>	1x CVBS/S-VHS
<b>Video output</b>	1x 1Vp-p, (C)VBS, 75ohms, BNC; 1x Y/C, Y= 1Vp-p, C= 0.3Vp-p, 75ohms
<b>Audio inputs</b>	4x line-in, RCA sockets
<b>Audio output</b>	1x line-out, RCA socket
<b>Resolution</b>	720x576 Pixels (Display)
<b>Compression standard</b>	Video: MPEG-4 (advanced compression engine provides smaller data size without significant picture quality distortion), Audio: G.726 (ADPCM)
<b>Recording speed</b>	100 Fields/sec. at 336x272; 50 Fields/sec. at 672x272 (PAL)
<b>Image size</b>	Low: 2/2.4KB, Standard: 4/4.8KB, High: 8/9.6KB, Very high: 12/14.4KB (NTSC/PAL). 2x bigger at high resolution mode
<b>Hard disk capacity</b>	160GByte EIDE HDD (up to 3 internal HDD's)
<b>Secondary Storage</b>	USB1.1 interface (Export via CD-RW writer only)
<b>Alarm inputs</b>	4x TTL, programmable as NC/NO
<b>Alarm outputs</b>	2x relays with NO/NC contact; 30VDC/2A, 125VAC/0.6A resistive
<b>Alarm reset input</b>	1x TTL
<b>Acoustic alarm display</b>	80db at 10cm
<b>Pre-alarm recording</b>	Up to 5min., programmable per camera (rate, quality, duration)
<b>Digital storage media</b>	Built-in CD-RW
<b>Menu languages</b>	German, English, Italian, French, Spanish
<b>Ethernet interface</b>	10/100-Base-TX, RJ-45
<b>Remote Software</b>	For remote administration and search function (supplied with the unit)
<b>Interfaces</b>	1x USB1.1 (Data export and upgrade), 1x RS-232 (Remote control and configuration via modem), 1x RS-485
<b>Supply voltage</b>	100VAC ~ 240VAC, 2/1A; 60/50Hz
<b>Power consumption</b>	Approx. 150watts
<b>Temperature range</b>	5°C ~ +40°C
<b>Housing</b>	Steel metal with plastic front, desktop design (no 19" rack mounting possible)
<b>Colour</b>	Pantone 427C
<b>Dimensions (HxWxD)</b>	88x430x355mm
<b>Weight</b>	9.6kg
<b>Parts supplied</b>	Mains cable, Viewer CD ROM (RAS), Screw set and flat cable for HDD assy, Manuals

## Accessories

<b>71855 / HDD-160</b>	Hard Disk Drive 160GB for DLR/DXR/DTR and DCR Series
<b>71857 / HDD-250</b>	Hard Disk Drive 250GB for DLR/DXR/DTR and DCR Series
<b>74088 / EDC-KBD1</b>	System Keyboard with 3-axis Joystick, 12VDC/230VAC

## DLR2-04N/160

(Accessories continued)

**74092 / EDC-KBDM-3**

System Keyboard w. Joystick, 5" Monitor 12VDC/230VAC, Fastrax Protocol

**71919 / HDD-500**

Hard Disk Drive 500GB for DLR/DXR/DTR and DCR Series

**71960 / SE-S184M/EUBN**

CD/DVD Writer DVD+/-RW, DVD-RAM, USB 2.0 Interface

## Product Information

The DLR2 series duplex recorders feature a very efficient compression method (MPEG-4). As a result they only take up approximately 12K for one best quality image, which is significantly less than comparable models. As storage capacity can be expanded to up to 3 Hard Disks, recording long periods of time is no problem. Recorders of the DLR2 series are network compatible and are equipped with supporting remote software. This software enables access to live pictures and recorded images in single or multi-image mode without interrupting recording. For quick and easy archiving a CD writer is integrated.

Mixing of the 500GB Hard Disk with other capacities is not allowed !

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